

WHAT IS CLAIMED IS:

1. A method for controlling image recording, comprising:
actuating, using a control unit, equipment for the image recording;
processing, using a computer unit, image data of the image recording;
combining a plurality of control commands for the image recording so as to form at least one script; and
transmitting the at least one script from the computer unit to the control unit.
2. The method as recited in claim 1 wherein the at least one script includes a plurality of scripts and further comprising saving a plurality of scripts in the computer unit.
3. The method as recited in claim 1 wherein the combining is performed using the computer unit so as to at least one of newly generate, amend and supplement the at least one script.
4. The method as recited in claim 1 further comprising sending a starting signal to the control unit using the computer so as to start the image recording.
5. The method as recited in claim 1 wherein the transmitting is performed by transmitting to the control unit only a respective script of the at least one script to be executed at a given time.
6. The method as recited in claim 1 further comprising encrypting the at least one script.
7. A control apparatus for controlling image recording, comprising:
a control unit configured to actuate equipment for the image recording; and
a computer unit configured to process image data of the image recording and to provide at least one script including a plurality of control commands for the image recording, the computer unit being connectable to the control unit so as to enable a transmitting of the at least one script.

8. The control apparatus as recited in claim 7 wherein the least one script includes a plurality of scripts.
9. The control apparatus as recited in claim 7 wherein the computer unit is configured to at least one of generate, amend and supplement the at least one script.
10. The control apparatus as recited in claim 7 wherein the computer unit is configured to transmit a starting signal to the control unit.
11. The control apparatus as recited in claim 7 wherein the control unit is configured so that only a respective script of the at least one script to be run at a given time is resident in the control unit.
12. An apparatus for multi-dimensional image recording, comprising:
 - a control unit configured to initiate the image recording;
 - a camera configured to record an image of an object captured by a microscope so as to form image data;
 - a computer unit configured to receive and process the image data and to provide at least one script including a plurality of control commands for the image recording, the computer unit being connectable to the control unit so as to enable a transmitting of the at least one script.
13. The apparatus as recited in claim 12 further comprising an illuminating device configured to illuminate the object.
14. The apparatus as recited in claim 12 further comprising a moving device configured to move the object.
15. A computer readable medium having stored thereon computer executable process steps operative to perform a method for controlling image recording, the method comprising:
 - actuating, using a control unit, equipment for the image recording;

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processing, using a computer unit, image data of the image recording;
combining a plurality of control commands for the image recording so as to form at
least one script; and
transmitting the at least one script from the computer unit to the control unit.

16. The computer readable medium as recited in claim 15 wherein the computer executable process steps are executable using the computer unit.

17. The computer readable medium as recited in claim 15 wherein the computer executable process steps are executable using the control unit.